Listing of Claims

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

Claims 1-2 (canceled).

3. (previously presented) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 21, wherein a terminal of said polyoxyalkylene chain of the polysiloxane-polyoxyalkylene copolymer is constituted by hydroxyl group.

4. (previously presented) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 21, wherein the polyol moiety is constituted by polyether polyol.

5. (previously presented) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 21, wherein the polyol moiety is constituted by polyether polyol.

6. (original) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 3, wherein polyol moiety is constituted by polyether polyol.

7. (previously presented) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 21, wherein the polyol moiety is constituted by polyurethane prepolymer to be synthesized through a reaction between polyether polyol and isocyanate compound.

8. (previously presented) The method of manufacturing a

low air-permeability flexible polyurethane foam block according to claim 21, wherein the polyol moiety is constituted by polyurethane prepolymer to be synthesized through a reaction between polyether polyol and isocyanate compound.

9. (original) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 3, wherein the polyol moiety is constituted by polyurethane prepolymer to be synthesized through a reaction between polyether polyol and isocyanate compound.

10. (previously presented) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 21, wherein a hydrocarbon compound which is excellent in fluidity is further employed as an additive.

11. (previously presented) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 21, wherein a hydrocarbon compound which is excellent in fluidity is further employed as an additive.

12. (original) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 3, wherein a hydrocarbon compound which is excellent in fluidity is further employed as an additive.

13. (original) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 4, wherein a hydrocarbon compound which is excellent in fluidity is further employed as an additive.

14. (original) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim

5, wherein a hydrocarbon compound which is excellent in fluidity is further employed as an additive.

15. (original) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 6, wherein a hydrocarbon compound which is excellent in fluidity is further employed as an additive.

16. (original) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 7, wherein a hydrocarbon compound which is excellent in fluidity is further employed as an additive.

17. (original) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 8, wherein a hydrocarbon compound which is excellent in fluidity is further employed as an additive.

18. (original) The method of manufacturing a low air-permeability flexible polyurethane foam block according to claim 9, wherein a hydrocarbon compound which is excellent in fluidity is further employed as an additive.

19. (previously presented) A low air-permeability flexible polyurethane foam block which is formed through a method claimed in any one of claims 21 and 3 to 18, said flexible polyurethane foam block being useful as a cushioning material, a sound absorbing material, an air-sealing material or a water sealing material.

Claim 20 (canceled).

21. (currently amended) A method of manufacturing a low

air-permeability flexible polyurethane foam block through an employment of at least a polyol, an isocyanate compound, a catalyst, a foaming agent and a foam stabilizer ~~without accompanying an opening cells step, called healthy bubble~~, said method being featured by comprising:

forming a mixture by stirring and mixing raw materials; and

foaming the mixture and making cells intercommunicate to each other, thereby manufacturing the low air-permeability flexible polyurethane foam block,

and featured in ~~that the foam stabilizer is formed of~~ employing, as the foam stabilizer, polysiloxane-polyoxyalkylene copolymer containing a functional group capable of chemically bonding to an isocyanate group at a terminal of polyoxyalkylene chain, the polyoxyalkylene chain having a number average molecular weight ranging from 400 to 1000, and a weight ratio between ethylene oxide and propylene oxide in the polyoxyalkylene chain being in a range of 70/30 to 0/100, thereby gradually emitting a part of a gas generated in a reaction from an entire top surface of the foam block to the atmosphere and intercommunicating the cells during forming of the foam block, and

that foam thus obtained has an air-permeability of no more than 5 $cc/cm^2/sec$ at a thickness of 10 mm and a variation in air-permeability throughout the entire body thereof is confined to not more than 1 $cc/cm^2/sec$.